

* SWBAT connect several steps of energy conversion relating to a skateboarder on a halfpipe

Sep 6-2:31 PM

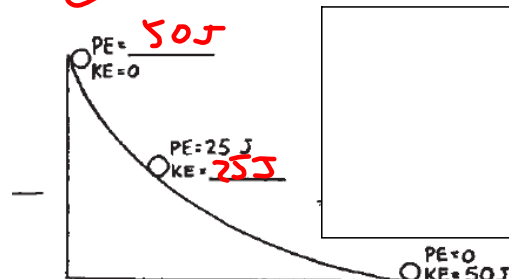
Welcome!!!

SECA Physics
Tuesday 17 November 2015

H. Leslie Grebe ↓

- * Pick up:
 - slip of paper (for later)

Opening Questions:



Conservation of energy means...

TOTAL ENERGY STAYS THE SAME

Centering...

Sep 7-7:04 AM

Video: ESPN - Perpetual Motion with Tony Hawk

Where did the bowling ball's energy go?

FRICTION → **THERMAL ENERGY**

↳ **WARMER RAMP, BOWLING BALL, AIR**

Where did Tony Hawk get his energy?

KNEES, MUSCLES → **PUMPING**

FOOD ↑

← **PLANTS (TOMATOES, WHEAT)** ← **SUN**

ANIMAL ← **ANIMALS**

Extra time?

Units for energy: ~~Watts?~~ **Joules?** ~~Newton's?~~

ABILITY TO DO WORK

Eureka - KE or PE

FORCES

POWER



Nov 21-7:53 AM

Daily 3 Questions

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. Where did the bowling ball's energy go?

RAMP, BALL, AIR
HEAT
FRICTION

2. Where did Tony Hawk gets his energy (ability to do work)?

MUSCLES,
PUMPING
FOOD

3. Where do fruits, vegetables, and other plants get their energy?

SUN

Dec 2-7:55 AM